In the claims

Please amend the claims as follows:

1-30. (canceled)

31. (new) A method of synthesizing a compound of the formula 1

$Y'\text{-}Si(Y)_2\text{-}B\text{-}L\text{-}B\text{-}W$ (1), where

each B independently is O, S or NH,

L and each Y independently is $C_{1\text{-}20}$ straight, branched or cyclic alkyl, aralkyl, aryl, alkaryl, alkenyl, alkynyl, alkoxy, alkenyloxy, alkynyloxy, heteroalkyl, heterocylic, alkyl-heterocyclic, or heterocylic-alkyl,

Y' is a capture tag, and

W is a reactive group;

the method comprising

(a) reacting a dihalosilane with Y'-E, where E is a leaving group;

(b) coupling the product of (a) with a compound of the formula B-L-B to form a monohalosilane; and

(c) displacing the halogen of the monohalosilane to form the compound of formula 1.

32. (new) The method of claim 31 wherein Y'-E is a lipophilic alcohol.

33. (new) The method of claim 32 wherein the lipophilic alcohol is selected from the group consisting of cholesterol or tocopherol.

34. (new) The method of claim 31 wherein both Bs are O.

35. (new) The method of claim 34 wherein L is selected from the group consisting of diethyleneglycol, 1,6-hexandiol, 1,4-bis(hydroxymethyl)benzene, thymidine and N^4-benzoyl-2'-O-allylcytidine.

36. (new) The method of claim 31 wherein each Y is lower alkyl.

37. (new) The method of claim 36 wherein the dihalosilane is diisopropyldichlorosilane.

38. (new) The method of claim 31 wherein the halogen of the monohalosilane is displaced with a phosphine.

39. (new) The method of claim 38 wherein the phosphine is 2-cyanoethoxy-*N*,*N*-diisopropylaminochlorophosphine.